

ABSTRACT OF THE DISCLOSURE

The present invention relates to a bearing apparatus for a wheel of vehicle for rotatably supporting a wheel of vehicle relative to a suspension system, and more particularly to a bearing apparatus for a wheel of vehicle intended to improve the durability of an inner ring fitted on a hub wheel, and a method for manufacturing the bearing apparatus. According to the present invention, there is provided a bearing apparatus for a wheel of vehicle comprising an inner member including a hub wheel having a wheel mounting flange formed integrally therewith at one end thereof and a cylindrical portion axially extending from the wheel mounting flange, including an inner ring fitted on the cylindrical portion; an outer member arranged around the inner member, and double row rolling elements contained freely rollably between the inner and outer members, the inner ring being secured in an axial direction relative to the hub wheel by a caulked portion formed by radially outwardly deforming the end of the cylindrical portion of the hub wheel characterized in that a chamfered outer circumferential surface of the back side of the inner ring is formed as a cut surface machined after its heat treatment.